

Daftar Pustaka

- [1] O. Abdel-Hamid, A. R. Mohamed, H. Jiang, L. Deng, G. Penn, and D. Yu. Convolutional neural networks for speech recognition. *IEEE Transactions on Audio, Speech and Language Processing*, 22(10):1533–1545, 2014.
- [2] D. Amodei, R. Anubhai, E. Battenberg, C. Case, J. Casper, B. Catanzaro, J. Chen, M. Chrzanowski, A. Coates, G. Diamos, E. Elsen, J. Engel, L. Fan, C. Fougner, T. Han, A. Hannun, B. Jun, P. LeGresley, L. Lin, S. Narang, A. Ng, S. Ozair, R. Prenger, J. Raiman, S. Satheesh, D. Seetapun, S. Sengupta, Y. Wang, Z. Wang, C. Wang, B. Xiao, D. Yogatama, J. Zhan, and Z. Zhu. Deep Speech 2: End-to-End Speech Recognition in English and Mandarin. dec 2015.
- [3] Y. Bengio, P. Simard, and P. Frasconi. Learning long-term dependencies with gradient descent is difficult. *IEEE Transactions on Neural Networks*, 5(2):157–166, mar 1994.
- [4] N. Carlini and D. Wagner. Audio Adversarial Examples: Targeted Attacks on Speech-to-Text. jan 2018.
- [5] W. Y. Chen, Y. F. Liao, and S. H. Chen. Speech recognition with hierarchical recurrent neural networks. *Pattern Recognition*, 28(6):795–805, 1995.
- [6] K. Cho, B. van Merriënboer, C. Gulcehre, D. Bahdanau, F. Bougares, H. Schwenk, and Y. Bengio. Learning Phrase Representations using RNN Encoder-Decoder for Statistical Machine Translation. jun 2014.
- [7] J. Du, Q. Wang, T. Gao, Y. Xu, L. Dai, and C. H. Lee. Robust speech recognition with speech enhanced deep neural networks. In Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, pages 616–620, 2014
- [8] J. Du, Q. Wang, T. Gao, Y. Xu, L. Dai, and C. H. Lee. Robust speech recognition with speech enhanced deep neural networks. In Proceedings of the Annual Conference of the International Speech Communication AssociationM. M. El Choubassi, H. E. El Khoury, C. E. J. Alagha, J. A. Skaf, and M. A. Al-Alaoui. Arabic speech recognition using recurrent neural networks. In Proceedings of the 3rd IEEE International Symposium on Signal Processing and Information Technology, ISSPIT 2003, pages 543–547, 2003.
- [9] M. Fujimoto. Factored deep convolutional neural networks for noise robust speech recognition. In Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, volume 2017-August, pages 3837–3841, 2017.
- [10] A. Graves, S. Fernandez, F. Gomez, and J. Schmidhuber. Connectionist temporal classification. In Proceedings of the 23rd international conference on Machine learning - ICML '06, pages 369–376, New York, New York, USA, 2006. ACM Press.
- [11] A. Graves and N. Jaitly. Towards End-To-End Speech Recognition with Recurrent Neural Networks. . . . Conference on Machine Learning (. . . , 32(1):1764–1772, 2014.
- [12] A. Graves, A. R. Mohamed, and G. Hinton. Speech recognition with deep recurrent neural networks. In ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, pages 6645–6649, 2013.
- [13] D. Guiming, W. Xia, W. Guangyan, Z. Yan, and L. Dan. Speech recognition based on convolutional neural networks. In 2016 IEEE International Conference on Signal and Image Processing, ICSIP 2016, pages 708–711, 2017.
- [14] A. Hannun, C. Case, J. Casper, B. Catanzaro, G. Diamos, E. Elsen, R. Prenger, S. Satheesh, S. Sengupta, A. Coates, and A. Y. Ng. Deep Speech: Scaling up end-to-end speech recognition. dec 2014.
- [15] A. Y. Hannun, A. L. Maas, D. Jurafsky, and A. Y. Ng. First-Pass Large Vocabulary Continuous Speech Recognition using Bi-Directional Recurrent DNNs. aug 2014.
- [16] J. T. Huang, J. Li, and Y. Gong. An analysis of convolutional neural networks for speech recognition. In ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, volume 2015-August, pages 4989–4993, 2015.

- [17] V. P. K, A. S, V. R, and S. KP. A Deep Learning Approach for Similar Languages, Varieties and Dialects. jan 2019.
- [18] L. Lu, L. Kong, C. Dyer, N. A. Smith, and S. Renals. Segmental recurrent neural networks for end-to-end speech recognition. In Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, volume 08-12-September-2016, pages 385–389, 2016.
- [19] Y. Qian and P. C. Woodland. Very deep convolutional neural networks for robust speech recognition. In 2016 IEEE Workshop on Spoken Language Technology, SLT 2016 - Proceedings, pages 481–488, 2017.
- [20] G. Saon, H. Soltau, A. Emami, and M. Picheny. Unfolded recurrent neural networks for speech recogni-tion. In Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, pages 343–347, 2014.
- [21] A. Thanda and S. M. Venkatesan. Audio visual speech recognition using deep recurrent neural networks. In Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), volume 10183 LNAI, pages 98–109, 2017.
- [22] P. Tzirakis, J. Zhang, and B. W. Schuller. End-to-end speech emotion recognition using deep neural networks. In ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, volu-me 2018-April, pages 5089–5093, 2018.
- [23] J. E. Verdejo, A. P. Herreros, J. C. Segura Luna, M. C. Benitez Ortuzar, and A. R. Ayuso. Recurrent neural networks for speech recognition. In Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), volume 540 LNCS, pages 361–369, 1991.
- [24] T. Wang, D. J. Wu, A. Coates, and A. Y. Ng. End-to-end text recognition with convolutional neural networks. 21st International Conference on Pattern Recognition,2012 (ICPR2012), (Icpr):3304–3308, 2012.
- [25] C. Weng, D. Yu, S. Watanabe, and B. H. F. Juang. Recurrent deep neural networks for robust speech recogni-tion. In ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, pages 5532–5536, 2014.
- [26] C. Weng, D. Yu, S. Watanabe, and B. H. F. Juang. Recurrent deep neural networks for robust speech recogni-tion. In ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, pages 5532–5536, 2014. Y. Zhang, W. Chan, and N. Jaitly. Very deep convolutional networks for end-to-end speech recognition. In ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, pages 4845–4849, 2017.
- [27] Y. Zhang, M. Pezeshki, P. Brakel, S. Zhang, C. L. Y. Bengio, and A. Courville. Towards End-to-End Speech Recognition with Deep Convolutional Neural Networks. jan 2017.